



PATENT APPLICATION  
CS-8357  
LeA 35,906

1621  
Blw

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICATION OF )  
THOMAS HIMMLER ) GROUP NO.: 1621  
SERIAL NUMBER: 10/510,288 )  
FILED: APRIL 01, 2005 )  
TITLE: METHOD FOR THE PRODUCTION )  
OF 2,4,5-TRIMETHYLPHENYL )  
ACETIC ACID )

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements, copies of articles listed on the attached Form PTO-1449 are enclosed.

The PTO did not receive the following  
listed items(s) NPLs

I hereby certify that this correspondence is being deposited  
with the United States Postal Service as first class mail in an  
enveloped addressed to: Commissioner for Patents,  
Alexandria, VA 22313-1450 on 5/11/05

Date

Richard E.L. Henderson, Reg. No. 31,619

Name of applicant, assignee or Registered Representative

Richard E.L. Henderson

Signature

May 11, 2005

Date

Also enclosed for the Examiner's consideration is the English language translation of International Preliminary Examination Report.

Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

By Richard E.L. Henderson  
Richard E.L. Henderson  
Attorney for Applicant(s)  
Reg. No. 31,619

Bayer CropScience LP  
100 Bayer Road  
Pittsburgh, Pennsylvania 15205-9741  
(412) 777-3809  
FACSIMILE PHONE NUMBER  
(412)777-3902  
s:\bsh\RH3069

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. CS-8357/LeA 35,906	Serial No. 10/510,288
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Thomas Himmler	Filing Date April 01, 2005
		Group 1621	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,658,923	04/25/72	Stapp	260	651 HA	
	AB	4,369,322	01/18/83	(Bel. to corresp. to DE Schalke et al	28 54 210) 546	330	
	AC	6,110,872	08/29/00	(Bel. to corresp. to DE Lieb et al	196 02 524) 504	284	
	AD	6,140,358	10/31/00	(Bel. to corresp. to WO Lieb et al	97/36868) 514	425	
	AE	6,271,180 B2	08/07/01	(Bel. to corresp. to WO Lieb et al	97/36868) 504	292	
	AF	6,388,123 B1	05/14/02	(Bel. to corresp. to WO Lieb et al	97/36868) 560	76	
	AG	6,486,343 B1	11/26/02	(Bel. to corresp. to WO Lieb et al	97/36868) 560	39	
	AH	6,511,942 B1	01/28/03	(Bel. to corresp. to DE Lieb et al	196 02 524) 504	299	
	AI	2001/0004629 A1	06/21/01	(Bel. to corresp. to WO Lieb et al	97/36868) 504	292	
	AJ	2003/0171219 A1	09/11/03	(Bel. to corresp. to DE Lieb et al	196 02 524) 504	221	
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	J. Prakt Chem., 80 (month unavailable) 1909, pages 192-200, C. Willgerodt et al, "Darstellung von Säuren und Säureamiden aus Phenylalkylketonen durch Behandlung mit gelbem Schwefelammouim"
	AS	J. Amer. Chem. Soc., 92 February 25, 1970, pages 994-998, Daniel T. Longone et al, "A Multilayered [2.2]Paracyclophane. Synthesis and Properties"
	AT	J. Org. Chem. Vol. 33 No. 6, June 1968, pages 2338-2342, Melvin S. Newman et al, "Free-Radical 1:5 Rearrangement of the Trichloromethyl Group"

EXAMINER

DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* Copies of documents previously submitted by WIPO.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No CS-8357/LaA 35, 906	Serial No. 10/510,288
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use Several Sheets If Necessary)		Applicant Thomas Himmier	
		Filing Date April 01, 2005	Group 1621

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					Yes	No
AL						
AM						
AN						
AO						
AP						

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

AR	J. Org. Chem., 24, November 1959, pages 1823-1825, R.D. Lake et al, "Chloromethylation of 1,2,4-Trimethylbenzene"
AS	Atti Accad., Lettere Arti Palermo, Pt. I 24 (month unavailable) 1965, pages 19-33, Giuseppe Werber et al, "Ricerche Sugli Acidi Arilacetici. Reattivita' Dei Trimetil-Benzeni Verso I Gliossalati Alchilici in Ambiente Acido"
AT	J. Amer. Chem. Soc., 52, July 1930, pages 2959-2972, R.W. Maxwell, "Study of the Possible Isomerism of Certain Analogs of Resolvable Diphenyl Compounds."

EXAMINER

DATE CONSIDERED

EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.

Copies of documents previously submitted by WIPO.

O I P E

Sheet 3 of 4

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Att'y. Docket No. CS-8357/LeA 35,906	Serial No. 10/810,288
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Thomas Himmler	Filing Date April 01, 2005
		Group 1621	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	J. Prakt. Chemie 2, 41, (month unavailable) 1890, pages 483-514, Ad Claus, "Zur Kennutiss der gemischten fettaromatischen Ketone und ihrer Oxydation durch Kaliumpermanganat"
AS	Org. Synthesis 35, (month unavailable) 1955, pages 11-14, J.J. Klingenberg, "p-Bromomandelic Acid"
AT	*Fisher, C.H. and Walling, C.T.: "The Reaction of Alpha-Dihlaoacetophenones with Alkali" Journal of the American Chemical Society, vol. 57, 1935, pages 1562-1564, XP002249325
EXAMINER	DATE CONSIDERED
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Copies of documents previously submitted by WIPO.

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No CS8357/LeA 35,906	Serial No. 10/510,288
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Thomas Himmler	Group 1621
MAY 13 2005		Filing Date April 01, 2005	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	*Smith, L.I.: Macmullen, C.W.: "The Reaction between Quinones and Sodium Enolates. IV. Pseudocuminoquinone, Sodium Acetoacetic Ester and Sodium Malonic Ester" Journal of the American Chemical Society, vol. 58, 1936, pages 629-635, XP002249326
	AS	*Fisher, C.H. et al: "The Haloform Reaction. VI. Alpha-Halogen Derivatives of Unhindered Ketones" Journal of the American Chemical Society, vol. 54, 1932, pages 3665-3674, XP002249327
	AT	

EXAMINER	DATE CONSIDERED
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.	

\* Copies of documents previously submitted by WIPO..